

REMARKS

This Amendment is filed in response to the Office Action dated March 1, 2006, which has a shortened statutory period set to expire June 1, 2006.

Allowable Subject Matter

Applicants greatly appreciate the Examiner's indication of allowable subject matter. Specifically, Claim 6 would be allowable if rewritten to overcome the rejection under 35 U.S.C. 112, second paragraph. As indicated below, Claim 6 has been amended to correct for antecedent basis, as suggested. Therefore, Applicants submit that Claim 6, as amended, should be allowed.

Applicants Address 112 Rejections

Claims 2-6 are rejected for antecedent basis informalities. Applicants have amended Claims 2-6 to recite "an original fabrication layout", thereby correcting for antecedent basis. Claim 6 is further rejected because "the segment" is indefinite. Therefore, Applicants have further amended Claim 6 to clarify that the segment refers to the segment of the fabrication layout. Based on the above comments, Applicants respectfully request reconsideration and withdrawal of the rejection of Claims 2-6.

Claims 1-5 and 7-8 As Amended Are Patentable Over Rieger

Applicants have amended Claims 1-5 and 7-8 to clarify Applicants' invention. Specifically, Claims 1-5 and 7-8 now recite in part:

the inverse proximity effects model including a
lookup table for each kernel function, the lookup
table including an amplitude contribution value at a

position in the lookup table related to an edge position in a printed feature layer.

Applicants respectfully submit that Rieger fails to teach a lookup table that includes amplitude contribution values. Support for this limitation is provided in the Specification in paragraph [0167]. Because Rieger fails to disclose or suggest the recited lookup table, Applicants respectfully request reconsideration and withdrawal of the rejection of Claims 1-5 and 7-8.

CONCLUSION

Claims 1-8 are pending in the present application.
Allowance of these claims is respectfully requested.

If there are any questions, please telephone the
undersigned at 408-451-5907 to expedite prosecution of this
case.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'Jeanette S. Harms', with a long horizontal line extending to the left.

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